

# ABSTRACT

In a catalyst for exhaust gas purification which comprises (a) a  $\text{NO}_x$  absorbent material which absorbs  $\text{NO}_x$  in an exhaust gas in an environment of excess oxygen whose exhaust gas oxygen concentration level is high, whereas, when the exhaust gas oxygen concentration level becomes lower in a given temperature range, the  $\text{NO}_x$  absorbent material releases the absorbed  $\text{NO}_x$  and (b) a precious metal, the exhaust gas purification catalyst further comprises an oxygen storage material which releases a larger amount of oxygen in the given temperature range in comparison with other temperature ranges. As a result of such arrangement, the  $\text{NO}_x$  absorption efficiency of the  $\text{NO}_x$  absorbent material in an environment of excess oxygen of high exhaust gas oxygen concentration level, i.e., the lean  $\text{NO}_x$  purification rate thereof, can be improved.